

Converting Colors

XYZ(62.9101, 56.5466, 67.9206)

Have a look what the booklet for
XYZ(62.9101, 56.5466, 67.9206)
contains.

XYZ(62.9101, 56.5466, 67.9205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.9101, 56.5466,
67.9205)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB8D1
RGB	235, 184, 209
RGB Percent	92%, 72%, 82%
CMY	0.0784, 0.2784, 0.1804
CMYK	0.00, 0.22, 0.11, 0.08
HSL	331°, 56%, 82%
HSV	331°, 22%, 92%
XYZ	62.9101, 56.5466, 67.9205
YIQ	202.0990, 22.3710, 18.5870

Conversions

Conversions Part 2

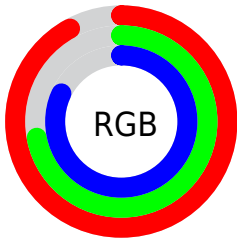
Format	Color
R _Y B	235, 184, 209
Decimal	15448273
CIE Lab	79.92, 22.28, -5.50
CIE LCh	80, 22.947, 346.129
Yxy	56.5466, 0.3357, 0.3018
Android (android.graphics.Color)	4293638353 (0xFFE8B8D1)
YUV	202.0990, 3.4022, 28.8542
Hunter-Lab	75.1975, 17.7373, -0.9142

Details

The XYZ color **62.9101, 56.5466, 67.9205** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.1107, 74.2617, 72.0893**, and the grayscale version is **56.1718, 59.0971, 64.3568**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **32.6231, 28.1829, 34.7308** is the 20% darker color. If you saturate the color by 10%, you get **57.0002, 47.0117, 58.9052**, and if you desaturate by 10%, it is **69.7457, 67.7529, 77.7961**.

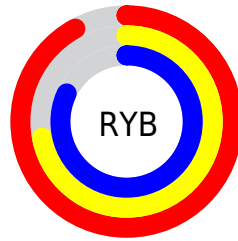
Distribution



Red (92%)

Green (72%)

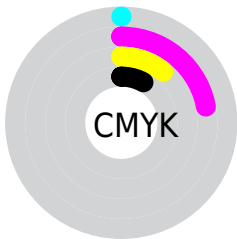
Blue (82%)



Red (92%)

Yellow (72%)

Blue (82%)

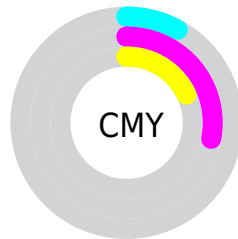


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (8%)



Cyan (8%)

Magenta (28%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9101, 56.5466, 67.9205 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 62.9101, 56.5466, 67.9205 by changing the saturation by 10% instead.

62.9101, 56.5466,
67.9205

62.9101, 56.5466,
67.9205

424.9080,
411.7482, 471.8047

46.0269, 40.6413,
49.3668

108.1223, 99.8033,
117.8915

32.4717, 28.0389,
34.5429

137.1821,
127.9236, 150.1459

21.8794, 18.3550,
23.0302

171.0313,
160.8842, 187.8043

13.8844, 11.2052,
14.4103

210.0354,
199.0698, 231.2852

8.1215, 6.2050,
8.2646

254.5598,
242.8645, 281.0071

4.2252, 2.9701,
4.1745

304.9698,

1.8303, 1.1162,

292.6529, 337.3887

1.7216

361.6307,
348.8193, 400.8484

■ 0.5358, 0.0000,
0.3755

■ 0.0000, 0.0000,
0.0000

■ 62.9101, 56.5466,
67.9205

■ 62.9101, 56.5466,
67.9205

■ 57.0002, 47.0117,
58.9052

■ 69.7457, 67.7529,
77.7961

■ 51.9687, 39.0596,
50.7204

■ 77.5417, 80.6985,
88.5534

■ 47.7713, 32.6050,
43.3397

■ 86.3370, 95.4567,
100.2171

■ 44.3576, 27.5514,
36.7332

■ 88.0713, 96.4024,
108.5734

■ 41.6715, 23.7910,
30.8690

■ 39.6488, 21.1998,
25.7116

■ 38.2129, 19.6294,
21.2209

■ 37.3666, 18.9045,
17.9556

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4585, 56.5466, 81.0939



62.9101, 56.5466, 67.9205



62.8088, 56.5466, 54.7211

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.9101, 56.5466, 67.9205



51.2981, 56.5466, 40.0857



47.7795, 56.5466, 81.9548

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.9101, 56.5466, 67.9205



61.1107, 74.2617, 72.0893

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.5995, 56.5466, 68.9670



62.9101, 56.5466, 67.9205



47.5494, 56.5466, 45.4613

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9101, 56.5466, 67.9205



55.9199, 56.5466, 39.8897



45.5178, 56.5466, 55.6275



51.6289, 56.5466, 89.9527

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9101, 56.5466, 67.9205



61.3025, 56.5466, 47.6615



45.5178, 56.5466, 55.6275



46.8372, 56.5466, 77.9500

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.9117, 56.5491, 67.9217



88.1867, 88.5629, 99.5541



58.5743, 53.9103, 85.9166



18.7548, 18.7557, 21.1416



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9117, 56.5491, 67.9217



72.4506, 62.7572, 76.8393



60.0553, 55.4065, 52.8797



15.3732, 15.1771, 17.2506



20.8602, 10.5468, 10.3309



1.6865, 0.8476, 1.0666

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.9117, 56.5491, 67.9217



72.4506, 62.7572, 76.8393



64.4727, 75.6065, 89.7936



15.3732, 15.1771, 17.2506



20.8602, 10.5468, 10.3309



1.6865, 0.8476, 1.0666

Previews

White Background



This preview shows how the XYZ color 62.9101, 56.5466, 67.9205 looks on a white background.

Color Contrast Check

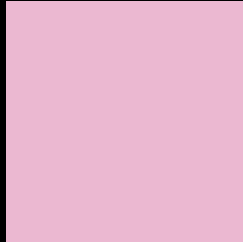
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 62.9101, 56.5466, 67.9205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9101, 56.5466, 67.9205

Background



This preview shows how black text looks on a background with the XYZ color 62.9101, 56.5466, 67.9205.



This preview shows how white text looks on a background with the XYZ color 62.9101, 56.5466,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.9101, 56.5466, 67.9205

Protanopia

55.5166, 56.8126, 73.6855

Deuteranopia

57.8437, 56.5004, 66.8885



Tritanopia

61.9159, 56.7804, 62.3400

Trichromacy



Original Color

62.9101, 56.5466, 67.9205

Protanomaly

57.8512, 56.4032, 71.4561

Deuteranomaly

59.7070, 56.4789, 67.4291

Tritanomaly

62.0601, 56.5021, 64.1350

Monochromacy



Original Color

62.9101, 56.5466, 67.9205

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.2661, 57.7341, 65.8305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9101, 56.5466, 67.9205 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 184, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 184, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 184, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 184, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.9101, 56.5466, 67.9205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 184, 209) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 184, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 184, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 184, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 184, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 184,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9101, 56.5466, 67.9205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 184, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
184, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor